



WEB BASED TOOLS OF TECHNOLOGY IN FUTURE TEACHING LEARNING STRATEGIES

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ABSTRACT

With the advancement of information and communication technology, the life of people has been changed. Teachers are interested in technology but because of lack of confidence, they are not initiating joyful learning. Use of these web based tools makes the learning interesting and students will get motivated for higher order thinking which normal classroom cannot do. Learning takes place when there is joy and without joy learning becomes a part of getting marks. There are many web based tools of technology which can be used in teaching learning strategies but here some of them are discussed. They are twitter, Glogster, Prezi, Diigo, Dropbox, Moodle can be used in the classroom.

KEY WORDS: technology, web based learning, moodle, twitter, Glogster, prezi, diigo, dropbox.

1. Introduction

Close your eyes and look back at your school days. How and which technology was used in the classroom. Surely, one will remember chalk board, benches, OHP, some of the color, black and white photographs. But if we look back in the recent time, we can see white board, computers and projectors, chairs in the classroom. Technology has always been remained as the integral part of teaching learning process in the classroom. Technology facilitates teachers to help students learn better with five senses.

Technology has been changing as the time passes. At present there have been a lot of seminars and discussions taking place on the use of web based technology in the classroom. Most of us feel that new teachers are acquainted with technology and therefore do not need help while old teachers are not ready to use technology and back step integrating technology in the classroom. But that is not the situation; one can easily integrate technology in the classroom with the help of someone. Teachers and students can independently and in collaboration use web based technology in the classroom. Integration of technology in the classroom will make the teaching learning strategies very interesting and playful as we know that the present generation is better in use of technology.

The main purpose of this paper is to provide information to teachers and student teachers about tools of technology they can use in the classroom and their application in the teaching learning strategies. The use of technology will make the students at the center of the class. One should not use technology for the sake of saying you are using them. Find a way to use them that can be beneficial to teaching. Technology makes the learning joyful and tireless. Learning through five senses becomes true due to using tools of technology in the classroom. Presently thousands of children, educationists, students are using web based tools in learning.

Objectives:

The aim of this paper is make teachers aware of different tools that can be used in the classroom. Teachers and student teachers should be able to:

1. Understand the role of technology in classroom.
2. Understand the tools and learn the application of it in the classroom.
3. Learn how to integrate technology in the teaching learning process.
4. Make the learning joyful and enjoyable.

Integration of Web Based tools of Technology in the Classroom:

1. Moodle:

The name Moodle is an acronym for Modular Object Oriented term Development Learning Environment and is a course management system through the internet. Moodle is an educational software developed by Martin Dougiamas helping teachers and trainers create and deliver effective online learning environments used by millions world-wide. It is an open source web application used to create interactive online learning sites and build the perfect education solution for teachers' and students' needs. The Moodle learning platform is based on strong pedagogical principles, providing private learning space. It is designed in particular to support constructivist pedagogy which supports: communication, collaboration, content hosting interaction and assessments. It is available for all, no need for licensing or upgrade cost. It gives teachers and students the best tools

to manage and promote leaning and deliver course materials. Teachers can provide students a large amount of material which they cannot afford due to lack of time in the classroom. It encourages multi senses learning with the use of multimedia audio, video, text. The design is based on socio-constructivist pedagogy.

What teachers can do with Moodle:

- Create online courses
- Open forums
- Upload files and lessons
- Create online tests and examinations
- Chat sessions can be organized.
- Online quiz
- You Tube recordings can be embedded on linked in the moodle
- Self and peer assessment
- Upload online notices

What students can do with Moodle:

- chat with other students
- upload homework and test
- download files and lessons
- see online notices and news
- take part into forums
- instant messages

please visit www.nuepa.org or www.moodle.org

2. Twitter

Twitter is a social networking. This micro blogging portal proves extremely useful for teachers, students, parents and professionals. 140 characters' short tweet can be used to inform students about essence of the message. This tool is widely used among the students to tweet homework, assignments and change in the programme. At present students love to interact through social media and lots of students will participate in the discussion and will learn a lot. Please visit <https://www.twitter.com>

3. Glogster:

Glogster is a web tool. Glogster is an interactive multimedia poster. It expresses ideas with ease by combining images, graphics, audio, and video. It enhances students' motivation and interest in project presentations as well as increasing their oral proficiency. The use of Glogster motivates and excites students to do their work. It can be used as learning and teaching tool to foster higher order thinking skills. Students become very excited while presenting their thoughts, experiences.

Glogster allows students to develop their reading and writing skills as if they were part of a cycle and allowed them to become writers who had the readers in mind. Students can ask questions and answers on their I pad. 100 of accounts can be created on Glogster and teacher can manage all accounts and can store resources for lesson plan. Glogster makes the students creative and students get interest in presenting content in a variety of way.

Teacher can use this innovative tool in the classroom to get students express who they are? And what they can do? Teachers and principals also create glogs to communicate and enjoy stress less learning. They can share photos, ideas, videos, information, links and much more. If the students are absent in the school,

teacher can glog videos, links, audios, photos and students have great exciting learning at home. Some students are shy and they don't come in front of the class but they present their learning via video, photos and when someone gives positive response, they feel happiness. Please visit www.edu.glogster.com

4. Blogger:

Blogger is a blog publishing service. Blogger allowed users to publish blogs to other hosts. The main reasons for blogging for teachers include:

- Share information and class news with students, parents and society and other stakeholders.
- Students can get online notices, assignment and other information at home.
- Students can get motivated by publishing their writing for other teachers also.
- Teachers and students can get feedback from other bloggers also which motivates to write more and the content is open to the whole world.
- Students get pride seeing their thoughts, ideas and concepts on internet.
- Parents would come to know their children's learning experiences and development.
- Other expert teachers, peers, parents can add information, provide opinions and suggest resources.

Students can learn better by using blog. Teacher should create blog in the classroom. Blog is a short web log. It is an online diary. Blogs are written on any topic which leads to great discussion and comments, questions and clarification. There are many free sites for blogging. Some of famous are:

1. www.Edublog.com
2. www.Kidblog.com
3. www.Worldpress.org

Really blogging is a great way to go across the curriculum.

5. Diigo:

Diigo is a social book marking site. Diigo is a powerful tool that stores, captures, recall information. It saves important websites and we can access them from any computer connected with network. One can highlight text on a web page. We can get desired information by bookmark so quickly. By using Diigo one can share website with other groups or with entire social network. Using book mark students can get information from their home computers. Fetching the work from home to school and school to home is really best exercise. Even students can have access of websites from anywhere in the world.

Using annotations, students can be linked with different sections on useful websites and saving them for others also. Even students can see comments from others. Here, Diigo creates communication channel between different groups also. Back sitter students can also participate taking interest and get motivated which leads them to a higher order learning process.

Teachers can provide discussion room for students and ask or searching topic and can use annotations for increasing students thinking. Here, Teachers can also develop professionally as day by day new challenges will come and challenge always makes man learned. Presently there are so many active groups for sharing and collaborating on book mark relevant to education. Please visit www.diigo.com

6. PREZI:

Prezi is becoming famous in education for its unique function of zooming offers alternative to the popular traditional power point presentations and Apple Key-note. Prezi is a novelty tool that leads to all the content in one slide instead of single slide. One can put content on a large canvas. It uses the frames. The size, orientation and position of each frame give sensations of flying over the canvas. One can twist frames also. It is an interactive board designed in 2009 with the iPad in mind. It is a visual tool which creates impact on readers by texts, images, graphics, and videos.

The most outstanding feature for Prezi is zoom in and zoom out which gives life to the message and can be highlighted easily. In power point presentation one can only flick the text cannot zoom it. In Prezi, one can see big picture and can focus on particular thought or picture. It makes presentations very interactive and fun. It can be auditory too and it suits all the learners. Eight students can edit the Prezi at the same time.

The ways Prezi can be used in the classroom:

- Creates biographies or autobiographies
- Zooms into picture details

- Students presentation
- Gives life to message
- Students can create advertisements, school notices and other imaginative presentations.
- Embed a YOU TUBE video by pasting the URL of the video into an empty text box.
- Easy to learn and provides different formats.
- Students can work together in small group on a particular topic and learn better.
- Students can take other students' presentations and learn during the exam.
- Students can make excursion videos and it can be uploaded on other social resources.

Prezi is easy to share with students and other teachers without having any software. Please Visit www.prezi.com

7. Dropbox

Dropbox is a web based tool that can be used to store and sync documents and files across computers, tablets and smart phones. Students can write assignment, search web resources, get tour photos on computers and can access all these in school by just putting all these in Dropbox folder. The same can also be done from school to home. i.e. school notices, videos, photos, worksheet can be uploaded on dropbox and accessing the same at home also.

Teachers who work at home need not take all the files in a bag just put in the dropbox and do your work at any time anywhere. Dropbox is a great tool that can be used in teaching learning strategies that is why in introduce it to teachers and student teachers. For using dropbox students must have an account. They can have their account via one log in. You can have dropbox free on our present smart phone.

Please visit www.dropbox.com

8. Wikispaces

Wikispaces is a great web based resource that allows us to store links, photos, videos and we can ask others to share files, videos, photos and other educational resources. Teachers and students can use wiki for schools and colleges to upload resources based on the subject matter and material they teach in the classroom. Some slow learners who need more resources for better thinking can also get more information about the content which they can use at any time and any place. It becomes collaborative effort for students to learn. Please make wikis for your class. Visit www.wikispaces.com

Conclusion:

Teachers' knowledge and skills are important factors for the use of technology in the classroom. Some challenging teachers are competent to integrate technology in the classroom. Presently, most of the smart phones are competent with all web based tools but very few just know about these tools. Present teacher centered approach makes the learning boring even for interesting chapters also. Use of technology makes even boring content interesting and joyful. Technology enhances the teaching learning process and develops higher order thinking of the students. The concept of child centered approach is also fulfilled by technology.

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